



ERW

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q63926

Koutaro HACHIYA

Appln. No.: 09/822,512

Group Art Unit: 2128

Confirmation No.: 7509

Examiner: Fred Ferris

Filed: April 2, 2001

For: METHOD AND APPARATUS FOR MATRIX REORDERING AND ELECTRONIC
CIRCUIT SIMULATION

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

1. Japanese Unexamined Patent Application Publication No. H06-290204, published October 18, 1994. (with abstract)
2. Japanese Unexamined Patent Application Publication No. H08-297654, published November 12, 1996. (with abstract)
3. Published Japanese Translation of a PCT Application No. H08-508838, published September 17, 1996.
4. Japanese Unexamined Patent Application Publication No. H09-319784, published December 12, 1997. (with abstract)

5. Japanese Unexamined Patent Application Publication No. H10-334129, published December 18, 1998. (with abstract)
6. Japanese Unexamined Patent Application Publication No. H11-328155, published November 30, 1999. (with abstract)
7. KASAHARA, Hironori, et al., Parallel processing of sparse matrix direct solving on OSCAR, *Journal of the Information Processing Society of Japan*, Vol. 33, No. 4, April 15, 1994, pages 438-447

One copy of each of the listed documents is submitted herewith.

The present Information Disclosure Statement is being filed after the later of three months from the application's filing date and the mailing date of the first Office Action on the merits, but before a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution in the application (whichever is earlier), and therefore Applicant is filing concurrently herewith a Statement Under 37 C.F.R. § 1.98(b). No fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a corresponding Japanese Office Action dated April 5, 2005 and an English translation of the pertinent portions thereof which cites such documents and indicates the degree of relevance found by the foreign office.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

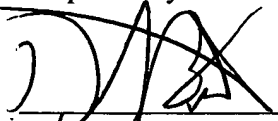
INFORMATION DISCLOSURE STATEMENT

U.S. Appln. No.: 09/822,512

Attorney Docket No.: Q63926

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,



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WASHINGTON OFFICE

23373

CUSTOMER NUMBER

Date: June 6, 2005



Substitute for Form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	09/822,512
Confirmation Number	7509
Filing Date	April 2, 2001
First Named Inventor	Koutaro HACHIYA
Art Unit	2128
Examiner Name	Fred Ferris
Attorney Docket Number	Q63926

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			
		JP	6-290204	A	10-18-1994		Abstract
		JP	8-297654	A	11-12-1996		Abstract
		JP	8-508838	A	09-17-1996		
		JP	9-319784	A	12-12-1997		Abstract
		JP	10-334129	A	12-18-1998		Abstract
		JP	11-328155	A	11-30-1999		Abstract

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		HIRONORI KASAHARA et al., Parallel Processing of Direct Solution Method for Unstructured Sparse Matrices on OSCAR, Journal of the Information Processing Society of Japan, April 1992, pages 438-447, vol. 33, no. 4	

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.